

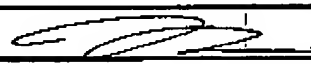
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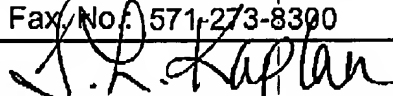
PTO/SB/21 (09-04)

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|---|----------------------|------------------------|---------------|
| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number   | 10/002,035             |               |
|   | Filing Date          | 11/1/2001              |               |
|   | First Named Inventor | Jeffrey W. Carr        |               |
|   | Art Unit             | 1763                   |               |
|   | Examiner Name        | Allan W. Olsen         |               |
| Total Number of Pages in This Submission  | 14                   | Attorney Docket Number | CARR-01000US1 |

| ENCLOSURES (Check all that apply)  |  |  |
|--|--|--|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br><input type="checkbox"/> Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input type="checkbox"/> Other Enclosure(s) (please identify below): |
| Remarks  |  |  |
| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT   |  |  |
| Firm Name  | Fliesler Meyer LLP Customer No. 23910  |  |
| Signature  |   |  |
| Printed name   | David T. Xue   |  |
| Date   | April 12, 2006   | Reg. No. 54,554  |

| CERTIFICATE OF TRANSMISSION/MAILING   |   |                     |
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| Fax No. 571-273-8300  |   |                     |
| Signature   |  |                     |
| Typed or printed name   | TAMMY L. KAPLAN   | Date April 12, 2006 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

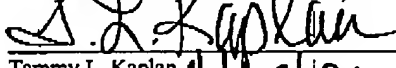
Inventor: Jeffrey W. Carr  
Appln. No.: 10/002,035  
Confirm. No.: 5043  
Filed: November 1, 2001  
Title: Apparatus and Method for  
Atmospheric Pressure Reactive Atom Plasma  
Processing for Shaping of Damage Free Surfaces

PATENT APPLICATION

Art Unit: 1763  
Examiner: Allan W. Olsen  
  
Atty. Docket No.: CARR-01000US1  
  
Customer No. 23910

CERTIFICATE OF TRANSMISSION/MAILING UNDER 37 C.F.R. § 1.8

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\_\_\_\_\_  
Tammy L. Kaplan (Signature)  
Signature Date: 4/12/06

REPLY TO OFFICE ACTION UNDER 37 CFR § 1.111

Mail Stop Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

This Reply is in response to the Office Action dated January 13, 2006.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 10 of this paper.

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